

Table B-3. Survey of Industrial Research and Development—relative standard error for estimates of total R&D and percentage of estimates attributed to certainty companies, by state: 2000

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State	Total R&D	Relative standard errors	Percent of estimate from certainties
United States, total.....	199,539	2.5	81.7
Alabama.....	607	16.5	74.1
Alaska.....	9	NA	100.0
Arizona.....	2,445	12.1	69.0
Arkansas.....	273	5.3	93.8
California.....	45,769	3.9	79.8
Colorado.....	3,140	7.1	79.1
Connecticut.....	(S) 4,371	13.3	81.0
Delaware.....	(S) 1,444	4.4	94.6
District of Columbia.....	112	34.8	61.9
Florida.....	3,212	8.2	76.8
Georgia.....	1,579	8.4	81.8
Hawaii.....	44	32.4	50.2
Idaho.....	1,338	2.8	94.4
Illinois.....	10,661	32.1	62.2
Indiana.....	(S) 2,668	5.7	84.8
Iowa.....	538	1.0	96.7
Kansas.....	(S) 1,140	2.2	94.8
Kentucky.....	582	11.0	79.9
Louisiana.....	126	26.4	64.4
Maine.....	201	14.2	79.9
Maryland.....	2,032	10.5	69.6
Massachusetts.....	9,863	1.8	91.3
Michigan.....	(S) 17,640	3.3	92.3
Minnesota.....	(S) 3,722	2.8	86.3
Mississippi.....	101	1.6	97.5
Missouri.....	1,893	9.6	73.6
Montana.....	(S) 28	6.8	86.3
Nebraska.....	199	39.6	36.1
Nevada.....	248	2.0	92.9
New Hampshire.....	586	6.1	84.3
New Jersey.....	12,062	13.3	73.4
New Mexico.....	(S) 1,158	4.5	92.9
New York.....	10,539	2.6	87.5
North Carolina.....	3,672	1.3	96.1
North Dakota.....	(S) 51	16.7	68.6

See explanatory information and SOURCE at end of table.

Table B-3. Survey of Industrial Research and Development—relative standard error for estimates of total R&D and percentage of estimates attributed to certainty companies, by state: 2000

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State	Total R&D	Relative standard errors	Percent of estimate from certainties
Ohio.....	5,962	7.0	79.3
Oklahoma.....	333	12.3	70.0
Oregon.....	1,651	9.0	63.0
Pennsylvania.....	7,873	3.1	87.9
Rhode Island.....	(S) 1,090	1.3	97.1
South Carolina.....	781	0.8	97.8
South Dakota.....	44	47.6	28.5
Tennessee.....	(S) 1,215	2.2	94.9
Texas.....	8,961	3.4	86.0
Utah.....	979	7.5	80.2
Vermont.....	396	9.2	84.6
Virginia.....	2,718	12.3	62.3
Washington.....	(S) 9,265	12.9	79.3
West Virginia.....	235	0.6	99.1
Wisconsin.....	1,981	2.5	88.7
Wyoming.....	7	NA	100.0
Undistributed funds.....	(S) 11,994	16.9	80.9

KEY: (S) = Indicates imputation of more than 50 percent.

NA = Not applicable

NOTE: A description of the standard error of estimate is given in this section under "Sampling Strata and Standard Error Estimates." The percentage (or relative) standard errors in this table may be converted to standard errors of estimate by multiplying the percentages shown by the associated estimates. For example, the relative error of estimate for United States, total is shown as 2.5 percent, and the associated R&D estimate is shown as \$199.5 million. The standard error of estimate is 0.025 times 199.5 million or 5 million.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2000